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TITLE: Crosslinking elastomer - initially using sulphur or sulphur cpd. and then radiation

PATENT-ASSIGNEE: NOK CORP [NIOD]

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PATENT-FAMILY:

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ABSTRACTED-PUB-NO: JP 61171737A

BASIC-ABSTRACT:

Elastomer such as rubber is subjected to primary crosslinking with S or S-contg. cpds. and then subjected to secondary crosslinking with radiation.

The elastomer includes natural and synthetic rubber such as styrene-butadiene-, acrylonitrile-butadiene-, hydrogenated acrylonitrile-butadiene-, chloroprene-, epichlorohydrin-, ethylene-propylene-, active chlorine-contg. acryl-, butyl-, silicone-, active halogen-contg. fluororubber, chlorosulphonated polyethylene, chlorinated polyethylene, etc. The S-contg. cpd. includes imidazoles such as 2-mercaptoimidazole, thiourea such as N,N-diethyl thiourea, thiazoles